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Subject:

Missile Designations (63 pages)

FOIA Control Number:

03-028LK

Date Reproduced:

12/10/2002

M- MOBILE
G- SURFACE ATTACK
M- MISSILE

ONLY-Record

CLASSIFICATION LETTERS:	BASIC MISSION/TYPE	MODIFIED MISSION SYMBOLS					
XMG M-31 A "MARTIN" "PERSHING" 27 JUNE 1963 ARMY FORMERLY XAM-14							
XMG M-31 B "MARTIN" "PERSHING" 22 JUNE 1963 ARMY FORMERLY XAM-19							

COORDINATION SHEET

Mr. E. BEANS (ASND-OS), not/atd, Missile Designation for Nike Zeus System.

1st Ind (ASND/Mr. Playler/23115)

14 OCT 1963

Mr. ASD Wright-Patterson AFB Ohio

TO: Commanding Officer, United States Army Materiel Command, (ASND-OS)
Wash 25 DC

Missile designation XLIM-49A was assigned 27 June 1963, as a result of Joint Regulation APR 64-20, AR 705-36, BENEFIT 8800.2, therefore attached ID Form 61 will indicate assignment and approval as 27 June 1963.

FOR THE COMMANDER

acty Chief
R. F. SMILER
Signs & Nomenclature Branch
Directorate of Tech Publications & Spec
Deputy for Systems Engineering

1 Atch
1 sy w/d

X LIM-49A

COORDINATION

SYMBOL	ASN XDN					
NAME	Playler					
DATE	11 Oct. 63					

AMCRD-CS

SUBJECT: Missile Designation for NIKE ZEUS System

TO: Commanding General
Wright-Patterson Air Force Base
Aeronautical System Division
ATTN: ASHXB - Status Application and Drawing Division
Dayton, Ohio, 45433

1. Inclosed DD Form 61, control number AMSNI-237-63, is submitted as documentation support for the designation "XLIM-49A" assigned in Joint Regulation AFR 66-20, AR 705-36, BUMEPSINST 8800.2. This item is part of the NIKE ZEUS Missile System and is identified as follows:

Drawing No.

Nomenclature

J9705851 (REV. J)

GUIDED MISSILE: XLIM-49A

2. It is requested that the original and 2 copies, with an indication of approval, be returned to this office.

FOR THE COMMANDER:

1 Incl
as (Quad)

Copy furnished:
CG, USA Missile Cmd,
ATTN: AMSNI-IEDI-N
Redstone Arsenal, Ala.

ROBERT E. HUNEYCUTT
Col., Arty
Executive Secretary
AMC Technical Committee

UNCLASSIFIED

1. ORIGINATOR & ADDRESS Commanding General U. S. Army Missile Command ATTN: AMSMI-IEBH-N, Redstone Arsenal, Ala.		*DAC 15-043 REQUEST FOR NOMENCLATURE Page 1 of 1	
2. THRU OR VIA		3. TO: Commanding General U. S. Army Materiel Command ATTN: AMCRD-CS Washington 25, D. C.	
4. DATE OF REQUEST 9 SEP 1963	5. DESCRIPTION PER DP NO. GENERAL	6. SOURCE REQUEST NO. *AMSMI-237-63	7. SECURITY CLASS OF EQUIP SECRET
8. FEDERAL SUPPLY CLASS 1410	9. STOCK NO. (When available)	10. ACTION REQUESTED <input type="checkbox"/> REVISION <input type="checkbox"/> CANCELLATION <input checked="" type="checkbox"/> ASSIGNMENT	
11. FOR REVISIONS NOTE CHANGE IN <input type="checkbox"/> ITEM NAME <input type="checkbox"/> TECHNICAL DATA <input type="checkbox"/> TYPE DESIGNATION <input type="checkbox"/> SECURITY CLASS OF EQUIP <input type="checkbox"/> SECURITY CLASS OF TECH DATA		12. TYPE OF NOMENCLATURE REQUESTED (Check one) <input checked="" type="checkbox"/> EXPERIMENTAL OR DEVELOPMENTAL <input type="checkbox"/> PREPRODUCTION OR PRODUCTION	
13. RECOMMENDED NOMENCLATURE GUIDED MISSILE: XLIM-19A			
14. TECHNICAL DATA			
(1) FEDERAL CATALOGING ITEM NAME GUIDED MISSILE		C. SUSTAINER (SECOND STAGE) D. 1	
2. PHYSICAL CHARACTERISTICS A. STEEL B. C. N/A D. 43 IN. DIA, 48 FT. LG. (APPROX) E, F, G. N/A		A. USAMICOM B. DWG NO. 9705850 C. JETHEAD (THIRD STAGE) D. 1	
3. N/A		6, 7. N/A	
4. APPLICATION DATA C. END ITEM (1) NIKE ZEUS ANTIMISSILE MISSILE SYSTEM (2) USAMICOM (3) N/A		8. ONITE SPEC DATA A. DOUGLAS AIRCRAFT CO. B. N/A C. DM15B	
5. COMPONENT PARTS A. USAMICOM B. DWG NO. 5833365 (DOUGLAS) C. BOOSTER (FIRST STAGE) D. 1		9. THE MFR DATA A. USAMICOM B. N/A D. DWG NO. J9705851 (REV J) E. N/A	
A. USAMICOM B. DWG NO. 5833358 (DOUGLAS)		10. SILO LAUNCHED	
15. FUNCTIONAL DESCRIPTION THIS VEHICLE, WHICH IS A THREE STAGE, SOLID PROPELLANT, COMMAND GUIDANCE TYPE ANTIMISSILE, IS DESIGNED TO INTERCEPT AND DESTROY HOSTILE BALLISTIC MISSILE WARHEADS THROUGH THE COORDINATED FUNCTION OF THE GROUND SUPPORT SYSTEMS AND GROUND GUIDANCE SYSTEMS.			
16. CONTRACT OR ORDER NO. NIKE DA-37-069-ORD-1955 ZEUS		17. GOVT DRAWING NO. J 9705851 (REV. J)	
18. GOVT SPECIFICATION NO.		19. DATE ACTION TAKEN TO (For use by Control Point only) <input checked="" type="checkbox"/> ASSIGN JUN 27 1963 <input type="checkbox"/> CANCEL <input type="checkbox"/> REVISE	
20. PROJECT GROUP		21. EQUIPMENT OF WHICH THIS ITEM IS A PART NIKE ZEUS ANTIMISSILE MISSILE SYSTEM	
22. EQUIPMENT WITH WHICH THIS ITEM IS USED		UNCLASSIFIED	

DD FORM 61
APR 61

REPLACES PREVIOUS EDITIONS OF THIS FORM, WHICH ARE OBSOLETE.

ASD/ENYED/Mr. King/56291/tlc/20 May 75

ENYED (Mr. King, 56291)

20 May 1975

Designation of An Experimental/Prototype Drone Vehicle (Your Ltr,
21 Apr 75)

AFFDL/MR

Air Staff has approved the type designation XBQM-106 for the vehicle
described in subject letter.

SIGNED

D.L. McCONKEY
Chief, Technical Services Branch
Engineering Standards Division

1 Atch
Hq USAF/PRPL Ltr, 13 May 75

Cy to: AFFDL/PTT
ASD/ENYEHG
AFLC/XOMP, MMAD, MMRF

ENYED COORDINATION

21 May 75

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D.C.

20330

13 MAY 1975



REPLY TO
ATTN OF: PRPL

SUBJECT: Request for Designation of Aerospace Vehicles (Your Ltr, 29 Apr 75)

TO: ASD/ENYED
Wright-Patterson AFB, OH 45433

The requested designation, XBQM-106, is approved.

FOR THE CHIEF OF STAFF

A handwritten signature in dark ink, appearing to read "Charles J. Cunningham, Jr.", is written over the typed name.

CJ CHARLES J. CUNNINGHAM, JR., Colonel, USAF
Chief, Allocations Division
Directorate of Programs

atcl

ASD/ENYED/Mr. King/56291/tlc/28 Apr 75

ENYED (Mr. King, 56291)

29 APR 1975

Request for Designation of Aerospace Vehicle

Hq AFSC/DLX
Hq AFSC/SDR
Hq USAF/PRPL
IN TURN

We recommend approval be granted to designate the vehicle described in attachment 1 as XBQM-106.

FOR THE COMMANDER

SIGNED

JOHN W. WILLIS
Chief, Engineering
Standards Division

1 Atch
AFFDL/MR Ltr, 21 Apr 75 w/Atch

Cy to: AFFDL/MR, PTT wo/Atch
Hq USAF/PRPL w/Atch

ENYED COORDINATION

B. King 28 Apr 75
D. McKinley 28 Apr 75

ASD/SDM
an. Damash
28 April 1975

DEPARTMENT OF THE AIR FORCE
AIR FORCE FLIGHT DYNAMICS LABORATORY (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433



REPLY TO
ATTN OF: MR

21 APR 1975

SUBJECT: Designation of An Experimental/Prototype Drone Vehicle

TO: 4950/ENYED

1. The Flight Dynamics Laboratory has designed and is building a tactical, low cost, mini RPV (FDL-33). A limited number of vehicles will be built using short run mass production tooling. These vehicles, after initial experimental flight testing, will be submitted for OT&E in competition with other prototype tactical vehicles developed by contractors.
2. Three of the FDL-33 vehicles will be retained by the laboratory for use as Remotely Piloted Vehicle (RPV) research test beds. These vehicles will be used to demonstrate technology related to advanced RPV systems.
3. AFFDL requests that an official Air Force designation be assigned to the FDL-33 vehicle. The original designation category requested is "X". Should the vehicle be entered into an OT&E program an operational status designation of "Y" will be requested.
4. Desired prefix symbol: XQM
5. Assignment of a popular name is not appropriate at this time.
6. Description:
 - Wing span - 12 to 16 ft. (alternate wings)
 - Length - 9 ft
 - Height - 2.2 ft
 - Weight - 75 to 130 lb G.W. (Alternate wings)
 - Engine - McCulloch 101, single cylinder, 2 cycle
 - Airframe - Plastic, foam, wood
 - Use - Expendable drone; Strike, ECM, Reconnaissance
 - Manufacturer - Air Force Flight Dynamics Lab.
 - Model FDL-33 (in-house design and fabrication)
7. Attached are drawings of the basic configuration of the FDL-33.


AMBROSE B. NUTT
Chief, Management Operations Office

Atch
FDL-33 Oblique views

Atch 1

may 4/5505 multiple

DEPARTMENT OF THE AIR FORCE
AIR FORCE FLIGHT DYNAMICS LABORATORY (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433



REPLY TO
ATTN OF: MR

21 APR 1975

SUBJECT: Designation of An Experimental/Prototype Drone Vehicle

TO: 4950/ENYED

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 - Airframe - Plastic, foam, wood
 - Use - Expendable drone; Strike, ECM, Reconnaissance
 - Manufacturer - Air Force Flight Dynamics Lab.
Model FDL-33 (in-house design and fabrication)
7. Attached are drawings of the basic configuration of the FDL-33.


AMBROSE B. NUTT
Chief, Management Operations Office

Atch
FDL-33 Oblique views

ASD/ENES OFFICIAL FILE Cy/E NESS/9 Feb 84/lew

ENES (E. Hess, 56291)

10 FEB 1984

XBQM-106 Designation Changes (Your Ltr, 29 Apr 83)

6514th Test Squadron
ATTN: TIVE-2 (Lt Williamson)
Hill AFB UT 84056

Mission Design Series Designators XBQM-106A, XBQM-106B, and XBQM-106C are approved as requested.

SIGNED

JEROME P. ASHMAN, Lt Col, USAF
Chief, Specifications & Standards Division
Directorate of Support Systems Engineering

cc: ASD/PA
HQ AFLC/LOC-TGWA-3
AFSC/LGMW

COORDINATION

SYMBOL	NAME	DATE
ENES	<i>[Signature]</i>	9 Feb
ENES	JE RICHARDS	9 FEB
ENES	ATU <i>[Signature]</i>	9 FEB 84
	JPA	9

4 JAN 1984

ENES (E. Hess, 56291)

Request for Approval of Mission-Design-Series (MDS) Designators XBQM-106A, XBQM-106B, and XBQM-106C (TIVE-2 Ltr, 29 Apr 83)

HQ AFSC/LCMP
HQ USAF/PRPRE (Lt Col Kuehn)
IN TURN

1. The attached requests are forwarded for consideration and approval of subject designators.

2. The following information is offered for inclusion into the next DODL 4120.15:

a. MDS: XBQM-106A
b. MFR: Digital Design Inc.
c. Popular Name: Unassigned
d. Number of Engines: One
e. Type Engine: Herbranson DYAD 220
f. Department: Air Force
g. Description: Similar to XBQM-106, except for airframe modifications consisting of a cylindrical tail boom, high wings with decreased wing span and T-tail. Has optional parachute recovery capability.

a. MDS: XBQM-106B
b. MFR: AF Flight Dynamics Laboratory
c. Popular Name: Unassigned
d. Number of Engines: One
e. Type Engine: Herbranson DYAD 220
f. Department: Air Force
g. Description: Similar to XBQM-106A except for the use of an elliptical tail boom. Used for pilot proficiency training and does not have parachute recovery capability.

a. MDS: XBQM-106C
b. MFR: AF Flight Dynamics Laboratory
c. Popular Name: Unassigned
d. Number Engines: One
e. Type Engine: Herbranson DYAD 220
f. Department: Air Force
g. Description: Similar to XBQM-106B with airframe modification of locating the horizontal stabilizer midway on the vertical stabilizer. Used as an expendable remotely piloted test vehicle.

SIGNED

JEROME P. ASHMAN, Lt Col, USAF
Chief, Standards Division
Directorate of Support Systems Engineering

1 Atch
TIVE-2 Ltr w/atc, 29 Apr 83

cc: HQ AFSC/TEOA

COORDINATION

SYMBOL	NAME	DATE
ENES	PHM	25 JAN 84
ENES	Dr. J. Herbranson	14 JAN 84
	JPR	27

ASD/ENES OFFICIAL FILE COPY/4 Jan 84/bjs



DEPARTMENT OF THE AIR FORCE
6514TH TEST SQUADRON (AFSC)
HILL AIR FORCE BASE, UTAH 84056

REPLY TO
ATTN OF:

TIVE-2 (2Lt Williamson, AV458-3508/3242)

29 April 1983

SUBJECT:

XBQM-106 Designation Changes

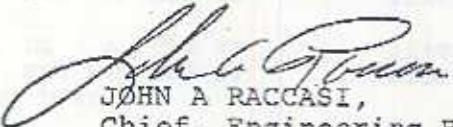
TO: ASD/ENESS (Mr J Richards)

1. We would like you to change the designation of the XBQM-106. Several design changes have been made since it was first built.

2. You will find attached a copy of the original designation and the new suggestions we want implemented. Basically, we want the designations as follows:

- a. XBQM-106A (parachute version)
- b. XBQM-106B (pilot proficiency version)
- c. XBQM-106C (test bed version)

3. Also, we would like "Prospector" assigned as the popular name for the XBQM-106. AFR 82-1 para 8a says that coordination is needed from the Assistant Secretary of Defense (Public Affairs). Do you coordinate or do we? If we do, can you tell us who to contact in that office?


JOHN A. RACCASI,
Chief, Engineering Branch

1 Atch
Baseline Designations

XBQM-106

STATUS: Approved

1. Wingspan: 12 to 16 ft. (alternate wings).
2. Length: 9 ft.
3. Height: 2.2 ft.
4. Weight: 75 to 130 lb G.W. (alternate wings).
5. Engine: McCulloch 101, single cylinder, 2 cycle.
6. Airframe: Plastic, foam, wood.
7. Use: Expendable drone - strike, reconnaissance, ECM.
8. Manufacturer: AFFDL Model FDL-33.

XBOM-106A

STATUS: Seeking Approval

1. Wingspan: changed to 11 ft. 9 in.
2. Weight: changed to 140-250 lbs GW.
3. Engine: changed to a Herbranson DYAD 220, 18 hp, two cylinder, two cycle.
4. Airframe: Similar to XBOM-106 except that the following are also used:
 - a. cylindrical tail boom
 - b. high wing
 - c. T-tail
 - d. fiberglass and epoxy resin
5. Use: Expendable remotely piloted test vehicle.
6. Manufacturer: Digital Design, Inc.
7. Guidance and Control:
 - a. AACOM AR3000L receiver.
 - b. KBG 7803 analog autopilot.
 - c. Futaba S8007 28V servos.
 - d. General Dynamics SK259-1447 decoder.
 - e. KBG antenna.
8. Propulsion: Pusher Propeller.
9. Ignition: KBG CD7902.
10. Electrical Power:
 - a. Bosch 28V alternator (17A, 19A, 26A alternates).
 - b. 13-2V Gates rechargeable 2.5 A-hr batteries in series.
 - c. General Dynamics SK259-1035 engine kill relay.
 - d. KBG AR7903 voltage regulator.
11. Instrumentation: Vega G-band radar.
 - a. Transponder 302C.
 - b. Encoder 765.
 - c. Antenna 845CX.

d. 8-channels of downlink telemetry.

(1) Airspeed

(2) Low prime voltage

(3-8) Undedicated

12. Launch/Recovery:

a. Pneumatic launch.

b. Skid landing.

c. Optional parachute recovery.

d. Automatic or manual parachute command.

XBQM-106B

STATUS: Seeking Approval

1. Airframe: similar to the XBQM-106A except that it has an elliptical tail boom.
2. Use: Pilot proficiency.
3. Manufacturer: AF Flight Dynamics Lab.
4. Launch/Recovery: similar to the XBQM-106A except that it does not have parachute recovery.

XBOM-106C

STATUS: Seeking Approval

1. Use: Expendable remotely piloted test vehicle.
2. Airframe: Horizontal stabilizer located midway on vertical stabilizer.
3. Instrumentation:
 - a. Vega G-band radar (tracking mode only).
 - b. Pulse code modulated (PCM) downlink telemetry.
 - (1) Airspeed.
 - (2) Low prime voltage.
 - (3-end) Undedicated.



DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
NAVAL AIR SYSTEMS COMMAND HEADQUARTERS
WASHINGTON, DC 20361

Canoe frp: Aug 84

IN REPLY REFER TO
NAVAIRNOTE 8800
AIR-51122B

15 August 1983

NAVAIR NOTICE 8800

From: Commander, Naval Air Systems Command

Subj: Model AGM-123A Missile; establishment of model designation

Ref: (a) NAVMATINST 8800.40 of 14 Oct 1981, Designating and Naming Defense Equipment, Military Aircraft, Rockets, and Guided Missiles

1. Purpose. This notice promulgates the AGM-123A missile model designation.

2. Model Designation. The model designation AGM-123A has been approved for a modified GBU-16/B laser guided bomb. The AGM-123A incorporates a gravity bias unit into the computer control group, modifications to airfoil group (wing assembly), and the addition of a rocket motor attached to the airfoil group. The improvements incorporated into the AGM-123A laser guided missile provide a substantially longer range and low altitude release capability. This is achieved by additions and changes which make the airfoil group and rocket motor non-interchangeable with other laser guided bombs and affect system airfoil compatibility. All other components; i.e., computer control group, bomb, and fuze are interchangeable. For the rocket motor, airfoil group, and all-up configuration, configuration control of the new baseline will be independent of other systems. Output and operating characteristics are from existing aircraft power. Dimensions and weight are: (a) length, 170.5 inches; (b) diameter, 26 inches with wings fully closed and 64.8 inches with wings open; and (c) weight, 1,280 pounds.

3. Action. The AGM-123A designation will apply to all correspondence, airframe changes, specifications, records, publications and other official business.

4. Cancellation Contingency. This notice is cancelled when the next revision of Model Designation of Military Aircraft, Rockets, and Guided Missiles (DOD 4120.15-1) is issued in accordance with reference (a).

Thomas P. Ryan
T. P. Ryan
By direction

Distribution: (See page 2)

NAVAIRNOTE 8800

Distribution: (3 copies each unless otherwise indicated)

SNDL: 21A (LANT, PAC); 24A; 24J; 28A; 29E; 29H; 41A; 42; 46; A1; A2A (CHINFO (2 copies)); A3 (Op-09B1); A4A (MAT-045, MAT-08D4 (1 copy)); A6; E6D; FA2; FA5; FA6; FA7; FA27; FB1; FB6; FB7; FB10; FC3; FC4; FF5; FF20; FKA1G (SEA-62C16 (2 copies)); FKA6A1; FKM15 (10 copies); FKP1J; FKP3A; FKP4B; FKR1; FKR2; FKR3A (ESSD Code 93 (2 copies)); FKR3C; FKR43; FKR5; FKR7; FR4; FS1; FT1; FT2; FT22 (2 copies); FT24; FT28; FT46; FT89; V5; V6; V22

Copy to: (2 copies each unless otherwise indicated)

SNDL: A3 (Op-508C); C37F3 (Morgantown (1 copy)); FKA1A (AIR-51122B (5 copies), AIR-7221 (10 copies), AIR-7221F (50 copies), APC-10, AIR-4172, AIR-5411, AIR-6104); FKA1C; FKA6A2 (Code 327C, Code 3506, Code 3664); FKR43 (Code 2131)

Stocked: NAVAIR HQ (AIR-7221F)

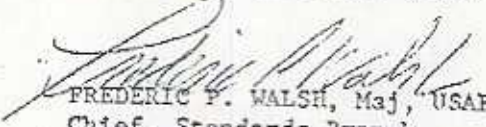
2 33
27 MAY 1983

ENESS (E Hess, 56291)

Model Designation S-3B; AGM-122A; TH-57C; TH-57B; AGM-123A; Request for
Establishment of (Your ltrs, 3 Nov 82, 23 Dec 82, 30 Dec 82, 25 Feb 83)

NASC/AIR-51122B (Ms. Stasiowski)

Mission Design Series (MDS) Designators are approved as requested.


FREDERIC P. WALSH, Maj, USAF
Chief, Standards Branch
Directorate of Equipment Engineering

ASD/ENESS OFFICIAL FILE Cy/E HESS/27 May 83/lcw

COORDINATION

SYMBOL	NAME	DATE
ENESS		
ENESS	BY HESS	27 May 83



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D. C.

REPLY TO
ATTN OF:

PRPRB

SUBJECT:

MDS Approvals

22 APR 1983

TO: ASD/ENESS

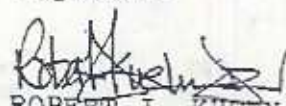
1. Ref your series of letters 18-30 March 1983, regarding MDS requests. The following MDSs are approved:

C-12E	TH-1S	S-3B	AGM-122A
C-19A	TH-57B		AGM-123A
LC-130H	TH-57C	U-26A	AGM-124A
RC-135X			
RC-135S			

2. The NASC request for E-6A designation is incorrect. Please use EC-18A for the NASC Boeing 707s.

3. The popular name requests have been forwarded to SAF/PA for action IAW AFR 82-1.

4. Please advise the appropriate agencies of the status of their requests.


ROBERT J. KUERN, MAJ, USAF
Data Base Management Division
Directorate of Programs and Evaluation

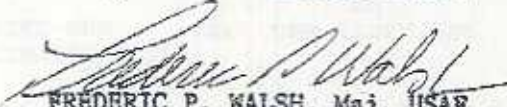
21 MAR 1983

ENESS (E. Hess, 56291)

Request for Approval of Mission-Design-Series (MDS) Designation AGM-123A
(NASC Ltr, 25 Feb 83)

HQ AFSC/LGMP
HQ USAF/PRPRB (Maj Kuehn)
IN TURN

1. The attached request is forwarded for your consideration and approval.
2. This request appears to comply with the provisions of AFR 82-1.
3. The following information is provided for incorporation into the next DoDL 4120.15:
 - a. AGM-123A
 - b. Naval Weapons Center
 - c. Unassigned
 - d. One
 - e. WPU-5/B
 - f. Navy
 - g. Laser Guided Missile


FREDERIC P. WALSH, Maj, USAF
Chief, Standards Branch
Directorate of Equipment Engineering

1 Atch
NASC Ltr, 25 Feb 83

Cy to: AFSC/TEQA

COORDINATION		
SYMBOL	NAME	DATE
ENESS	E. Hess	15 MAR 83
ENESS	A. V. Harkins	18 MAR 83

ASD/ENESS OFFICIAL FILE COPY/18 Mar 83/bjs



DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
NAVAL AIR SYSTEMS COMMAND HEADQUARTERS
WASHINGTON, DC 20361

IN REPLY REFER TO
AIR-51122B/01/PJS
FEB 25 1983

From: Commander, Naval Air Systems Command
To: Commander, Headquarters, ASD/NESS
Wright Patterson AFB, OH 45433
Attn: Mr. Jeff Richards

Subj: Model Designation AGM-123A; request for establishment of

Ref: (a) FONECON between Mr. J. Richards, ASD/NESS, and Ma. P. Stasiowski,
NAVAIR of 12 Jan 1983
(b) DOD 4120.15-L Model Designation of Military Aircraft, Rockets and
Guided Missiles

1. In accordance with reference (a), the Naval Air Systems Command requests approval for the new model designation AGM-123A.

2. The following information is provided for incorporation into the next revision of reference (b):

a. Manufacturer	- Naval Weapons Center
b. Popular Name	- Unassigned
c. Number of propulsion sections	- 1
d. Type of propulsion section	- WPU-5/B
e. Service	- Navy

3. The AGM-123A Laser Guided Missile incorporates a gravity bias unit into the computer control group, modifications to airfoil group (wing assembly), and the addition of a rocket motor attached to the airfoil group. The improvements incorporated into the AGM-123A Laser Guided Missile provide a substantially longer range and low altitude release capability. This is achieved by addition and changes which make the airfoil group and rocket motor non-interchangeable with other laser guided bombs and affect system airfoil compatibility. All other components; i.e., computer control group, bomb, and fuze are interchangeable. For the rocket motor, airfoil group, and all-up configuration, configuration control of the new baseline will be independent of other systems. Output and operating characteristics are from existing aircraft power. Dimensions and weight are: (a) length, 173 inches; (b) diameter, 26 inches with wings closed and 53.6 inches with wings open; (c) weight, 1,293 pounds.

AIR-51122B/01/PJS

Subj: Model Designation AGM-123A; request for establishment of

4. Any questions pertaining to the above subject may be directed to
Ms. P. Stasiowski, Naval Air Systems Command, AIR-51122G, Washington, DC
20361 on AUTOVON 222-2850.

Peter Yurcisin
P. YURCISIN
By direction

Copy to:
NAVPNCEN (Code 3656)

7 JAN 1988

ENES (E. Hess, AUTOVON 785-6291)

Request for Approval of Mission-Design-Series (MDS) Designator ATM-123A
(NABEC Ltr, 24 Nov 87)

HQ AFSC/LGMM (SMSgt Davis)
HQ USAF/PRPRS (Mr Notaro)
IN TURN

1. The attached request is forwarded for your consideration and approval.
2. The following information is offered for inclusion into DODL 4120.15:
 - a. MDS: ATM-123A
 - b. Manufacturer: Naval Weapons Center
 - c. Popular Name: None
 - d. Number of Engines: One
 - e. Engine Type: TBD
 - f. Using Service: Navy
 - g. Description: An aircrew training version of the AGM-123A

SIGNED

WILLIAM L. CURTICE, III
Chief, Specifications & Standards Division
Directorate of Support Systems Engineering

1 Atch
NABEC Ltr, 24 Nov 87

cc: HQ AFSC/TEQA

*Request cancelled
By NAVY. 22 Jan 88.
[Signature]*

COORDINATION		
SYMBOL	NAME	DATE
ENES	<i>[Signature]</i>	<i>6 Jan 88</i>
ENES	<i>D. Thompson</i>	<i>6 Jan 88</i>



DEPARTMENT OF THE NAVY

NAVAL AIR ENGINEERING CENTER
LAKEHURST, N.J. 08733-5000

IN REPLY REFER TO
4120
Ser 5322/7727J

24 NOV 1987

From: Commanding Officer, Naval Air Engineering Center
To: Commander, Air Force Systems Command (ENESS)(Attn: Mr. S. Hess),
Wright-Patterson Air Force Base, OH 45433

Subj: ESTABLISHMENT OF MODEL DESIGNATION ATM-123A

Ref: (a) DOD 4120.15L Model Designation of Military Aerospace Vehicles

1. The Naval Air Engineering Center requests approval for the model designation ATM-
2. The following information is provided for incorporation into the next revision of reference (a):

a. Manufacturer	-	Naval Weapons Center
b. Popular Name	-	
c. Number of Engines	-	One
d. Type of Engines	-	TBD
e. Service	-	Navy

3. The ATM- is a training vehicle for use in facilitating aircrew training in the coordination, delivery and tactics development of the AGM-123A laser guided weapon. It is specifically designed to simulate the guidance and flight characteristics of the AGM-123A using a unique, low-cost design employing the use of best commercial practices and parts. The ATM- is compatible with all USN/USMC AGM-123A capable aircraft. It incorporates a guidance-control section, a training warhead and is powered by a insensitive propulsion section. The ATM- can be launched against inert ordnance target ranges as well as more realistic targets approximating the delivery envelope of the AGM-123A.

4. Any questions pertaining to the above subject may be directed to Ms. Lillian Kelly on AUTOVON 624-2264 or (201) 323-2264. Please refer to File Number MDS(87-21) when corresponding.

K E Nichols
K. E. NICHOLS
By direction

Copy to:
NAVWEAPCEN (Code 3207)
NAVAIR (AIR-51122B) (APC-201-1F)

7 OCT 1987

ENES (E. Hess, AUTOVON 785-6291)

Request for Approval of Mission-Design-Series (MDS) Designator AGM-123B
(Your Ltr, 6 Aug 87)

NAEC/ESSD (Code 9322)

MDS AGM-123B is approved as requested.

SIGNED

WILLIAM L. CURTICE, III
Chief, Specifications & Standards Division
Directorate of Support Systems Engineering

ASD/ENES OFFICIAL FILE Cy/6 OCT 87/LEW

COORDINATION		
SYMBOL	NAME	DATE
ENES	<i>[Signature]</i>	8 Oct 87
ENES	<i>[Signature]</i>	6 Oct 87



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, DC

1 OCT 1987

REPLY TO
ATTN OF: PRPR

SUBJECT: Approval of MDS Designation AGM-123B

TO: ASD/ENES

The MDS designation of AGM-123B has been approved and will appear in the next DOD 4120.15-L.

Linda Y. Lucas

LINDA Y. LUCAS
Asst Deputy Director for Resources
Directorate of Programs and Evaluation

ASD/ENES OFFICIAL FILE Cy/2 SEP 87/LEW

ENES (E. Hess, AUTOVON 785-6291)

3 SEP 1987

Request for Approval of Mission-Design-Series (MDS) Designator AGM-123B
(NAEC Ltr, 6 Aug 87)

HQ AFSC/LGMW (SMSgt Davis)
HQ USAF/PRPRS (Mr Notaro)
IN TURN

1. The attached request is forwarded for your consideration and approval.
2. The following information is offered for inclusion into DODL 4120.15:
 - a. MDS: AGM-123B
 - b. Manufacturer: Texas Instruments
 - c. Popular Name: None
 - d. Number of Engines: One
 - e. Engine Type: WPU-5/B
 - f. Using Service: Navy
 - g. Description: A forward fit version of the ACM-123A.

SIGNED

DALE V. HANKINS
Actg Ch, Specifications & Standards Division
Directorate of Support Systems Engineering

1 Atch
NAEC Ltr, 6 Aug 87

cc: HQ AFSC/TEOA

COORDINATION

SYMBOL	NAME	DATE
ENES	<i>Shack</i>	<i>25 Aug</i>
ENES	<i>D. Hankins</i>	<i>2 Sep 87</i>



DEPARTMENT OF THE NAVY

NAVAL AIR ENGINEERING CENTER
LAKEHURST, N.J. 08733-5000

IN REPLY REFER TO

4130
Ser 5322/7409j
06 Aug 87

From: Commanding Officer, Naval Air Engineering Center
To: Commander, Air Force Systems Command (ENESS)(Attn: Mr. S. Hess),
Wright-Patterson Air Force Base, OH 45433

Subj: ESTABLISHMENT OF MODEL DESIGNATION AGM-123B

Ref: (a) DOD 4120.15L Model Designation of Military Aerospace Vehicles

1. The Naval Air Engineering Center requests approval for the model designation AGM-123B.

2. The following information is provided for incorporation into the next revision of reference (a).

a. Manufacturer	-	Texas Instruments, Inc.
b. Popular Name	-	---
c. Number of Propulsion Sections	-	One
d. Type of Propulsion Sections	-	WPU-5/B
e. Service	-	Navy

3. The AGM-123B is the WCU-10A/B Control Section, the MXU-737A/B Airfoil Group and the WPU-5/B Propulsion Section mounted on a MK 83 1000 lb. bomb to form a laser guided, air-to-surface missile.

4. The AGM-123B is a forward fit version of the AGM-123A

5. Any questions pertaining to the above subject may be directed to Ms. Lillian Kelly on AUTOVON 624-2264 or (201) 323-2264. Please refer to File Number MDS(87-15) when corresponding.

N. Raditz

N. RADITZ
By direction

ASNPD-10/Mr. Flayler/53012/dw/1 Aug 68

1 AUG 1968

Guided Missile ZRIM-85A, Type Designation; Confirmation of (Navy Ltr
ORD-93322/110, 16 Jul 68)

Commander
Naval Ordnance Systems Command
ATTN: ORD-93322/110
Wash DC 20360

Missile designation ZRIM-85A has been assigned to guided missile
described in subject letter.

FOR THE COMMANDER

SIGNED

R. F. SEMLER
Chief, Type Designation Branch
Directorate of Engineering Standards

ASNPD-10

Flayler

1 Aug 68



DEPARTMENT OF THE NAVY
NAVAL ORDNANCE SYSTEMS COMMAND
WASHINGTON, D. C. 20360

IN REPLY REFER TO
ORD-93322/110:RKG

16 JUL 1968

From: Commander, Naval Ordnance Systems Command
To: Commander, Air Force Systems Command, ASD (ASNPD-10),
Wright - Patterson Air Force Base, Dayton, Ohio 45433
Subj: Guided Missile ZRIM-85A, Type Designation; Confirmation of
Ref: (a) BUWEPINST 8800.2 of 27 June 1963.
(b) Telecon between ASD (Mr. Flayler) and NAVORDSYSCOM
(Mr. Gannon) on 11 July 1968.

1. In accordance with reference (a), confirmation of missile type designation ZRIM-85A is requested. This designation was assigned verbally by reference (b).
2. This missile is a medium range, surface-to-air, all weather missile for use against attack aircraft, air-to-surface and surface-to-surface missiles, and surface targets.

Jay C. Miller

JAY C. MILLER
By Direction

01 20

Mr. King/tlc/6 Apr 73

6 APR 1973

4950/TZD

Guided Missile Type Designation; RIM-101A, Confirmation of (NOSC
ORD-05211A/68 Ltr, 3 Apr 73)

Commander, Naval Ordnance Systems Command
Attn: ORD-05211A
Washington, D.C. 20360

1. Type designation RIM-101A has been assigned to the Guided Missile described in subject letter.
2. Request pertinent information be provided to describe this Missile in the DOD Model Designation of Military Aircraft, Rockets, and Guided Missiles document DOD 4120.15L.

FOR THE COMMANDER

7/3
JOHN Wm. BEERY
Chief, Engineering
Standards Division

Beery, 4950/TZD, 6 Apr 73

D. Mr. Conkey 4950/TZD, 6 Apr 73



DEPARTMENT OF THE NAVY
NAVAL ORDNANCE SYSTEMS COMMAND
WASHINGTON, D. C. 20360

IN REPLY REFER TO
ORD-05211A/68:RHG

APR 3 1973

From: Commander, Naval Ordnance Systems Command
To: Commander, Air Force Systems Command (4950/TZD),
Wright-Patterson Air Force Base, Dayton, Ohio 45433
Subj: Guided Missile Type Designation; RIM-101A, confirmation of
Ref: (a) Telecon between AFSC (Mr. King) and NAVORDSYSCOM (Mr. Cannon)
on 30 March 1973

1. NAVORDSYSCOM (Naval Ordnance Systems Command) requests confirmation of the subject type designation assigned verbally by reference (a).
2. This guided missile is a surface-to-air weapon for shipboard use. It is launched from a tube by a solid propellant ejector with subsequent sustainer motor ignition. Initial guidance is in the passive I-Band RF mode with terminal guidance in the passive infrared (IR) mode. The missile consists of an IR seeker section; an RF section; control section, a new active optical fuze, a warhead with a new explosive (PBX-W107) and a rocket motor similar to that used by "REDEYE".

W. E. BURNETT
BY DIRECTION

ONLY - Record

[illegible]

80 SEP 1988

ENES (E. Hess, AUTOVON 785-6291)

Request for Approval of Mission-Design-Series (MDS) Designator (Your Ltr,
13 Jul 88)

HQ US Army Materiel Command
ATTN: AMCDE-AQP
5001 Eisenhower Avenue
Alexandria VA 22333-0001

MDS MQM-143A is approved as requested.

SIGNED

WILLIAM L. CURTICE, III
Chief, Engineering Documents Division
Directorate of Support Systems Engineering

COORDINATION

SYMBOL	NAME	DATE
ENES	<i>[Signature]</i>	30 SEP 88
"		



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D.C. 20330

ed

REPLY TO
ATTN OF:

PRPR

9 SEP 1988

SUBJECT:

Request for Approval of MDS Designations

TO:

ASD/ENES

1. The MDS designation of AGM-142A for the HAVE NAP system is approved and will appear in the next DoD 4120.15-L. AD/YGC rescinded their request to exclude the MDS from DoD 4120.15-L after discussion with AF/PRPRS because all approved, unclassified MDS designations must be included in DoD 4120.15-L.

2. The MDS designation of ~~MQM-143A~~ for the US Army target system is also approved. The Army changed their original request of FQM-143A to MQM-134A after discussion with AF/PRPRS because "M" (mobile) is a more accurate launch environment symbol than "F" (individual).

DAVID OAKES, Col, USAF
Deputy Director for Resources
Directorate of Programs & Evaluation

25 JUL 1988

ENES (E. Hess, AUTOVON 785-6291)

Request for Approval of Mission-Design-Series (MDS) Designator FQM-143A
(AMCDE-HQP Ltr, 12 Jul 88)

HQ AFSC/LGMW (SMSgt Davis)
HQ USAF/PRPRS (Mr Notaro)
IN TURN

1. The attached request is forwarded for your consideration and approval.
2. The following information is offered for inclusion into DoDL 4120.15:
 - a. MDS: FQM-143A
 - b. Manufacturer: USAMICOM
 - c. Popular Name:
 - d. Number of Engines: TBD
 - e. Engine Type: TBD
 - f. Using Service: Army
 - g. Description: A one-fifth scale drone of a Soviet MIG-27.

SIGNED

WILLIAM L. CURTICE, III
Chief, Engineering Documents Division
Directorate of Support Systems Engineering

2 Atch

1. AMCDE-AQP Ltr, 13 Jul 88
2. AMSMI-RD-SE-TD-ST, Ltr,
29 Jun 88

cc: HQ AFSC/TEOA

COORDINATION

SYMBOL	NAME	DATE
ENES	Shady	21 July 88
"	N	21 JUL 88

AMCDE-AQP (AMSMI-RD-SE-TD-ST, 29 Jun 88) 1st End
SUBJECT: Request for Mission Design Series (MDS) Assignment, Request Number
AMSMI-88-15

Helen Seese/AV 284-5100
Request Number

13 JUL 1988

HQ USAMC, ATTN: AMCDE-AQP, 5001 Eisenhower Avenue, Alexandria, VA 22333-0001

FOR: ASD/ENESS, ATTN: Mr. Hess, Wright-Patterson AFB, OH 45433-6503

1. Reference AR 70-50, Designating and Naming Defense Equipment, 17 Jul 84.
2. HQ AMC concurs in subject request. In accordance with paragraph 1c of reference, request for model designation is forwarded for official assignment.

FOR THE COMMANDER:

Paul Buternote
for WILLIAM V. MURRY
Colonel, GS
Chief, Acquisition Policy Division
DCS for Development, Engineering and
Acquisition - Acquisition Management



DEPARTMENT OF THE ARMY
UNITED STATES ARMY MISSILE COMMAND
REDSTONE ARSENAL, ALABAMA 35898-5000

REPLY TO
ATTENTION OF

AMSMI-RD-SE-TD-ST (708-1d)

29 June 1988

MEMORANDUM THRU: Commander, U.S. Army Materiel Command,
ATTN: AMCDE-AQ-P (Sally George), 5001 Eisenhower Avenue,
Alexandria, VA 22333-0001

FOR: ASD/ENESS, ATTN: Mr. Hess, Wright-Patterson AFB, OH
45433-6503

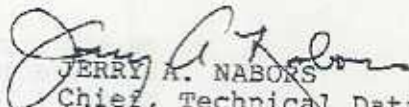
SUBJECT: Request of Mission Design Series (MDS) Assignment,
Request Number AMSMI-88-15

1. The following request is forwarded in accordance with
AFR 82-1/AR 70-50/NAVMATINST 8800.4D for incorporation into
DOD 4120.15L:

Request Number:	AMSMI-88-15
MDS:	F Q M -
Manufacturer:	USAMICOM
Engine Data:	TBD (Prop-driven chainsaw type)
Popular Name:	
Military Department:	Army
Description:	One-fifth scale of Soviet MIG-27

2. Request that the above MDS be approved and returned to this
activity not later than 15 August 1988.

3. Point of contact is Jonnesa Countess, AUTOVON 746-9086.


JERRY A. NABORS
Chief, Technical Data
Management Division

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D.C. 20330



REPLY TO
ATTN OF: AFSPP

13 JUN 1969

1A 20 81 JUL 69

SUBJECT: Request for Approval of Missile Designation AIM-43D (Your ltr 23 May 1969)

TO: ASD (ASNPD-10)

1. Missile designation AIM-43D for the air-to-air version of the U.S. Army "REDEYE" missile is disapproved.
2. The Air Staff is evaluating test results on this missile and a recommendation to continue or discontinue development efforts is to be provided the Chief of Staff by 18 June 1969. Designation of this missile as AIM-43D is not appropriate unless the decision is made to continue development.

FOR THE CHIEF OF STAFF

M. L. Greene
M. L. GREENE, Colonel, USAF
Chief, Standardization Group
Directorate, Procurement Policy

Copy to:
AFSC (SCS-22)
AFSC (SCMXA, Mr. Warneck)
AFOAP
AFADAAC
AFSPDI (Mr. Luther)
AFADSACI (Mr. Duke)
AFRPDMA (Miss Anderson)
AFRDDC
AFSSSMB (Col Story)
SAFOIPC
AFRDQ
AFSME
AFXOWO (Col Curtis)
AFRDDC

Underwrite Your Country's Might - Buy U.S. Savings Bonds

ASNPD-10/Mr. Flayler/53012 /dw/23 May 69

23 MAY 1969

Request for Approval of Missile Designation AIM-43D

Hq USAF (AFSPPE)

1. The attached copy of ASZTI letter dated 5 May 1969, is forwarded for your review and coordination in accordance with AFR 66-24.
2. Request approval to establish missile designation AIM-43D.

FOR THE COMMANDER

SIGNED

D. E. FLAYLER
Actg Chief, Type Designation Branch
Directorate of Engineering Standards

1 Atch
Cy ASZTI Ltr, 5 May 69

COORDINATION



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AIR FORCE MATERIEL COMMAND
LOGISTICS INFORMATION SUPPORT OFFICE
BATTLE CREEK MI 49017-3094

18 May 2000

MEMORANDUM FOR: HQ USAF/XPPE

FROM: AFMC/LSO-LGIS-A
74 Washington Ave. N. Suite. 8
Battle Creek MI 49017-3094

SUBJECT: Mission Design Series (MDS) for the FIM-92F guided missile.

1. Please take appropriate action to assign MDS to the guided missile.
2. The following information is offered for inclusion in DOD 4120.15-L:

a. MDS	FIM-92F
b. Manufacturer	Raytheon Systems
c. Popular Name	Stinger
d. Using Service	US Army
e. Engine	1
f. Description	Modified FIM-92E with enhancements that have altered the missile dome.
3. Questions may be directed to me at DSN 932-5169.

JOHN BAUER
Nomenclature Focal Point

ATTCH:
AMCRDA-AP Memo



DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY MATERIEL COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333-0001

REPLY TO
ATTENTION OF

AMCRDA-AP

9 May 2000

MEMORANDUM FOR AFMC/LGIS-A (Attn: Mr. John Bauer), 74 Washington
Avenue, North, Suite 8, Battle Creek, MI 49017-3094

SUBJECT: Mission Design Series (MDS) Assignment

1. Reference memorandum, AMSAM-RD-SE-TD, 8 May 00, subject: Request for Mission Design Series (MDS) Assignment Number AMSAM-2000-0017.
2. Request AFMC approval of the U.S. Army Aviation and Missile Command's request for an MDS designation of FIM-92F for the modified missile dome, Guided Missile, Intercept-Aerial. HQ AMC concurs in this request.
3. Point of contact is Sally George, AMCRDA-AP, DSN 767-3171.
4. AMC - Your Readiness Command . . . Serving Soldiers Proudly!

Encl

for Ed Cornett
SANDRA S. RITTENHOUSE
Chief, Acquisition Policy Division
Deputy Chief of Staff for Research,
Development and Acquisition

REPLY TO
ATTENTION OFDEPARTMENT OF THE ARMY
UNITED STATES ARMY AVIATION AND MISSILE COMMAND
REDSTONE ARSENAL, ALABAMA 35898-5000

S: 8 Aug 00

AMSAM-RD-SE-TD (708-1d)

8 May 00

MEMORANDUM THRU Commander, U.S. Army Materiel Command,
ATTN: AMCRDA-AP, 5001 Eisenhower Avenue,
Alexandria, VA 22333-0001FOR Headquarters, Cataloging and Standardization Center/LGFD,
ATTN: Mr. John Bauer, 7400 North Washington Street,
Suite 8, Battle Creek, MI 49017-3094SUBJECT: Request for Mission Design Series (MDS) Assignment
Number AMSAM-2000-0017

1. We are forwarding the following request in accordance with Air Force Regulation 82-1/Army Regulation 70-50/Naval Material Instruction 8800.4D for incorporation into Department of Defense 4120.15L.

Request Number: AMSAM-2000-0017

MDS: FIM-92F

Manufacturer: Raytheon Systems Company (15090)

Military Department: Army

Description: Guided Missile, Intercept-Aerial

Army Part Number: 13480308

2. Request revision of MDS from the existing FIM-92E to FIM-92F due to enhancements that has altered the missile dome.

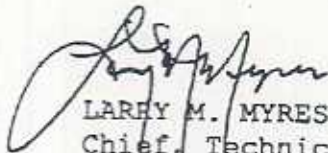
3. Request you approve and return the above MDS to this office not later than 8 Aug 00.

AMSAM-RD-SE-TD

SUBJECT: Request for Mission Design Series (MDS) Assignment
Request Number AMSAM-2000-0017

4. Ms. Connie Mayhall, AMSAM-RD-SE-TD-ST, DSN 746-6981 or commercial 256-876-6981 is the point of contact.

FOR THE COMMANDER:



LARRY M. MYRES
Chief, Technical Data
Management Division



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AIR FORCE MATERIEL COMMAND
LOGISTICS INFORMATION SUPPORT OFFICE
BATTLE CREEK MI 49017-3094

23 August 2000

MEMORANDUM FOR: HQ USAF/XPPE

FROM: AFMC/LSO-LGIS-A
74 Washington Ave. N. Suite. 8
Battle Creek MI 49017-3094

SUBJECT: Mission Design Series (MDS) for the MIM-104E missile.

1. Please take appropriate action to assign MDS to the missile.
2. The following information is offered for inclusion in DOD 4120.15-L:

a. MDS	MIM-104E
b. Manufacturer	Raytheon
c. Popular Name	Patriot
d. Using Service	US Army
e. Engine	1 TX-486-1
f. Description	Improved detection capability and enhanced lethality.

3. Questions may be directed to me at DSN 932-5169.

JOHN BAUER
Nomenclature Focal Point

ATTCH:
AMCRDA-AP Memo

REPLY TO
ATTENTION OFDEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY MATERIEL COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333-0001

AMCRDA-AP

21 Aug 00

MEMORANDUM FOR AFMC/LGIS-A (Attn: Mr. John Bauer), 74 North Washington
Avenue, Suite 8, Battle Creek, MI 49017-3094

SUBJECT: Mission Design Series (MDS) Assignment - MIM-104E

1. Reference memorandum, AMSAM-RD-SE-TD, 18 Aug 00, subject: Request for Mission Design Series (MDS) Assignment Request Number AMSAM-2000-0022.
2. Request AFMC approval of the U.S. Army Aviation and Missile Command's request for an MDS designation of MIM-104E, for the Patriot Missile system. This model has improved detection capability of cruise missile type threats and has enhanced lethality. HQ AMC concurs in this request.
3. Point of contact is Sally George, AMCRDA-AP, DSN 767-3171.
4. AMC - Your Readiness Command . . . Serving Soldiers Proudly!

Encl

A handwritten signature in cursive script, reading "Sandra S. Rittenhouse".

SANDRA S. RITTENHOUSE
Chief, Acquisition Policy Division
Deputy Chief of Staff for Research,
Development and Acquisition
U.S. Army Materiel Command

REPLY TO
ATTENTION OFDEPARTMENT OF THE ARMY
UNITED STATES ARMY AVIATION AND MISSILE COMMAND
REDBONE ARSENAL, ALABAMA
35896-5000

S: 23 Oct 00

18 Aug 00

AMSAM-RD-SE-TD (708-1e)

MEMORANDUM THRU Commander, U.S. Army Materiel Command,
ATTN: AMCRDA-AP, 5001 Eisenhower Avenue,
Alexandria, VA 22333-0001FOR Headquarters, Aeronautical Systems Center/ENSU
(Ms. Sally George), 2530 Loop Road West, Wright-Patterson
Air Force Base, OH 45466-6500SUBJECT: Request for Mission Design Series (MDS) Assignment
Request Number AMSAM-2000-0022

1. We are forwarding the following request in accordance with
Air Force Regulation 82-1/Army Regulation 70-50/Naval Material
Instruction 8800.4D for incorporation into Department of Defense
Directive 4120-15L.

Request Number: AMSAM-2000-0022

MDS: MIM-104E

Manufacturer: Raytheon

Military Department: Army

Description: GUIDED MISSILE, INTERCEPT-AERIAL:

Popular Name: PATRIOT

Army Part Number: 11480246

2. The missile has a single stage solid-propellant rocket motor
and four hydraulically-actuated movable control surfaces. It
employs semi-active radar seeker guidance, aided by data links to
ground, to find and destroy airborne targets. This model has
improved detection capability of cruise missile type threats and
has enhanced lethality.


3. Request you approve and return the assignment MDS to this
office not later than 23 Oct 00.

AMSAM-RD-SF-TD

SUBJECT: Request for Mission Design Series (MDS) Assignment for
Request Number AMSAM-2000-0022

4. The point of contact is Ms. Connie Mayhall,
AMSAM-RD-SF-TD-ST, DSN 746-6981 or 256-876-6981.

FOR THE COMMANDER:


LARRY M. MYRES
Chief, Technical Data
Management Division



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AIR FORCE MATERIEL COMMAND
LOGISTICS INFORMATION SUPPORT OFFICE
BATTLE CREEK MI 49017-3094

27 April, 1999

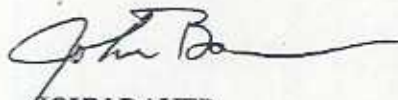
MEMORANDUM FOR: HQ USAF/XPPE

FROM: AFMC/LOS-LGIS-A
74 Washington Ave. N. Suite. 8
Battle Creek MI 49017-3094

SUBJECT: Mission Design Series (MDS) for the FGM-148C Missile.

1. Please take appropriate action to assign MDS to the subject missile.
2. The following information is offered for inclusion in DOD 4120.15-L:

a. MDS	FGM-148C
b. Manufacturer	Texas Instruments/Martin Marietta
c. Popular Name	None
d. Using Service	Army
e. Engine	Rocket Motor
f. Description	Enhancements that alter the missile dome.
3. Questions may be directed to me at DSN 932-5169.


JOHN BAUER
Nomenclature Focal Point

ATTCH:
AMCRDA-AP Memo

REPLY TO
ATTENTION OFDEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY MATERIEL COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333-0001

AMCRDA-AP (AR 70-1)

21 Apr 99

MEMORANDUM FOR CASC/LGFD (Attn: John Bauer), 7400 N. Washington St., Suite 8,
Battle Creek, MI 49017-3094SUBJECT: Mission Design Series (MDS) Assignment, Revision Request Number AMSAM-
1999-0017

1. Reference memorandum, AMSAM-RD-SE-TD, 7 Apr 99, SAB.
2. Request CASC approval of the U.S. Army Aviation and Missile Command's request for revision of the MDS from the existing FGM-148B to FGM-148C due to enhancements that have altered the missile dome. HQ AMC concurs in this request.
3. Point of contact is Sally George, AMCRDA-AP, DSN 767-8224.
4. AMC -- America's Arsenal for the Brave.

Encl

A handwritten signature in cursive script, reading "Sandra S. Rittenhouse".

SANDRA S. RITTENHOUSE
Chief, Acquisition Policy Division
Deputy Chief of Staff for Research,
Development and Acquisition

REPLY TO
ATTENTION OFDEPARTMENT OF THE ARMY
UNITED STATES ARMY AVIATION AND MISSILE COMMAND
REDSTONE ARSENAL, ALABAMA
35898-5000

S: 9 Jul 99

AMSAM-RD-SE-TD (708-1d)

7 Apr 99

MEMORANDUM THRU Commander, U.S. Army Materiel Command,
ATTN: AMCRDA-AP, 5001 Eisenhower Avenue,
Alexandria, VA 22333-0001FOR Headquarters, Aeronautical Systems Center/ENSD
(Ms. Sally George), 2530 Loop Road West, Wright-Patterson
Air Force Base, OH 45433-6503SUBJECT: Request for Mission Design Series (MDS) Revision
Request Number AMSAM-1999-0017

1. We are forwarding the following request in accordance with Air Force Regulation 82-1/Army Regulation 70-50/Naval Material Instruction 8800.4D for incorporation into Department of Defense 4120.15L.

Request Number: AMSAM-1999-0017

MDS: FGM-148C

Manufacturer: Texas Instruments/Martin Marietta (OHPN4)

Military Department: Army

Description: Guided Missile, Surface Attack

Army Part Number: 13303050-49

Army Drawing Number: 13303050

2. Request revision of MDS from the existing FGM-148B to FGM-148C due to enhancements that has altered the missile dome.

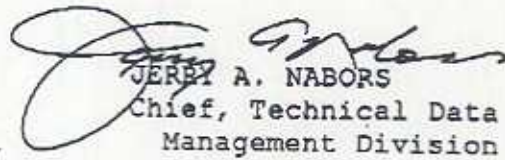
3. Request you approve and return the above MDS to this office 9 Jul 99, or at the earliest time to support implementation of production.

AMSAM-RD-SE-TD

SUBJECT: Request for Mission Design Series (MDS) Assignment
Request Number AMSAM-1999-0017

4. Ms. Connie Mayhall, AMSAM-RD-SE-TD-ST, DSN 746-6981 or commercial 256-876-6981 is the point of contact.

FOR THE COMMANDER:


JERRY A. NABORS
Chief, Technical Data
Management Division



DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
WASHINGTON, D.C. 20361

IN REPLY REFER TO
AIR-51122T/03/APP
03 MAY 1982

From: Commander, Naval Air Systems Command
To: Commander, Headquarters, ASD/ENESS
Wright Patterson AFB, OH 45433
Attn: Mr. Jeff Richards

Subj: Model Designation AQM-37B; request for establishment

Ref: (a) FONECON between Mr. Richards, ASD/ENESS and Mr. T. Nichols, NAVAIR
of 22 April 1982
(b) DOD 4120.15-L Model Designation of Military Aircraft, Rockets and
Guided Missiles

1. In accordance with reference (a), the Naval Air Systems Command requests approval for the new model designation AQM-37B.

2. The following information is provided for incorporation into the next revision of reference (b):

a. Manufacturer	- Beech
b. Popular Name	- unassigned
c. Number of Engines	- 1
d. Types of Engines	- LR64-NA-4
e. Service	- Navy

3. The AQM-37B is similar to the AQM-37A but with additional features; performance increased from Mach 2 at 70,000 feet to Mach 3 at 80,000 feet, addition of command override and course correction capabilities, and radar augmentation improvements.

4. Any questions pertaining to the above subject may be directed to Mr. T. Nichols, Naval Air Systems Command, AIR-51122B, Washington, D. C. 20361 on Autovon 222-2850

Peter Yurcisin
P. YURCISIN
By direction

11 MAY 1982

ENESS (J. Richards, 56291)

Request for Approval of Mission Design Series (MDS) Designators
SII-60F and AQM-37B

HQ AFSC/LGMP

HQ USAF/PRPRB (Lt Col Pfanschmidt)

IN TURN

1. Reference Naval Air Systems Command letters, AIR-51122T/01/APP and AIR-51122T/03/APP, dated 3 May 1982, attached.
2. The attached requests are in compliance with AFR 82-1 and our records indicate that the designators requested are the next available for use.

Frederic P. Walsh
FREDERIC P. WALSH, Maj, USAF
Chief, Standards Branch
Directorate of Equipment Engineering

2 Arch

1. NASC/AIR-51122T/01/APP Ltr,
3 May 82
2. NASC/AIR-51122T/03/APP Ltr,
3 May 82

COORD:

ENESS

J. Richards (11 May 82)



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D.C. 20330

21 MAY 1982

REPLY TO
ATTN OF:

PRPRB

SUBJECT:

Request for Approval of Mission Design Series (MDS) Designators
SH-60F and AQM-37B

TO:

ASD/ENESS

1. The MDS designation of SH-60F is approved. The aircraft description will be as presented in Naval Air Systems Command 3 May 1982 letter (AIR-51122T/01/APP).

2. Reference Mr. Nichols, Naval Air Systems Command (AIR-51122B), telephone call of 18 May 1982, the AQM-37 will be designated as the AQM-37C vice 37B. The Navy is already utilizing AQM-37B and will contact you concerning MDS approval. The missile description will be as presented in Naval Air Systems Command 3 May 1982 letter (AIR-51122T/03/APP).

Madeline C. Chavis

MADELINE C. CHAVIS
Chief, Data Base Management Division
Directorate of Programs and Evaluation

cc: HQ AFSC/LGM
Naval Air Systems
Command, AIR-51122T

AQM-37B



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, DC 20330-1070

7 Feb 2001

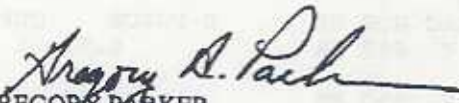
MEMORANDUM FOR AFMC/LGIS-AS

FROM: HQ USAF/XPPE
1070 Air Force Pentagon
Washington, DC 20330-1070

SUBJECT: Approval of Mission Design Series for MGM-164A Missile (AFMC/LSO-LGIS-A
Memo, 18 December 2000)

We are approving MDS designator MGM-164A for the Department of the Army. We will include this designator in the next publication of DoD 4120.15-L.

Point of contact is Ms Kelly, HQ USAF/XPPE, DSN 227-7934.


GREGORY PARKER
Dep Chief, Program Integration Division
Directorate of Programs

cc:
AF/ILMW



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AIR FORCE MATERIEL COMMAND
LOGISTICS INFORMATION SUPPORT OFFICE
BATTLE CREEK MI 49017-3094

18 December 2000

MEMORANDUM FOR: HQ USAF/XPPE

FROM: AFMC/LSO-LGIS-A
74 Washington Ave. N. Suite. 8
Battle Creek MI 49017-3094

SUBJECT: Mission Design Series (MDS) for the MGM-164A missile.

1. Please take appropriate action to assign MDS to the missile.
2. The following information is offered for inclusion in DOD 4120.15-L:

a. MDS	MGM-164A
b. Manufacturer	Lockheed Martin Corp
c. Popular Name	None
d. Using Service	US Army
e. Engine	1
f. Description	Ground launched missile. Uses an inertial-guided concept with GPS inputs to deliver 13 BAT submunitions to the dispense point.
3. Questions may be directed to me at DSN 932-5169.


JOHN BAUER
Nomenclature Focal Point

ATTCH:
AMCRDA-AP Memo

REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY MATERIEL COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333-0001

AMCRDA-AP

15 December 2000

MEMORANDUM FOR AFMC/LGIS-A (Attn: Mr. John Bauer), 74 Washington
Avenue, North, Suite 8, Battle Creek, MI 49017-3094

SUBJECT: Mission Design Series (MDS) Assignment

1. Reference memorandum, AMSAM-RD-SE-TD, 7 Dec 00, subject: Request Mission Design Series (MDS) Assignment Request Number AMSAM-2001-0003 (enclosed).
2. Request AFMC approval of the U.S. Army Aviation and Missile Command's request for an MDS designation the next number in the series starting with MGM-. HQ AMC concurs in this request.
3. Point of contact is Sally George, AMCRDA-AP, DSN 767-3171.
4. AMC - Your Readiness Command ... Serving Soldiers Proudly!

Encl

Sandra S. Rittenhouse
SANDRA S. RITTENHOUSE
Chief, Acquisition Policy Division
Deputy Chief of Staff for Research,
Development and Acquisition

REPLY TO
ATTENTION OFDEPARTMENT OF THE ARMY
UNITED STATES ARMY AVIATION AND MISSILE COMMAND
REDSTONE ARSENAL, ALABAMA
35898-5000

S: 16 Mar 01

AMSAM-RD-SE-TD (708-1c)

7 Dec 00

MEMORANDUM THRU Commander, U.S. Army Materiel Command,
ATTN: AMCRDA-AP, 5001 Eisenhower Avenue,
Alexandria, VA 22333-0001FOR Headquarters, Aeronautical Systems Center/ENSD
(Ms. Sally George), 2530 Loop Road West, Wright-Patterson
Air Force Base, OH 45466-6500SUBJECT: Request for Mission Design Series (MDS) Assignment
Request Number AMSAM-2001-0003

1. We are forwarding the following request in accordance with Air Force Regulation 82-1/Army Regulation 70-50/Naval Material Instruction 8800.4D for incorporation into Department of Defense Directive 4120-15L.

Request Number: AMSAM-2001-0003

MDS: MGM-

Manufacturer: Lockheed Martin Corporation

Military Department: Army

Description: Guided Missile Assembly, Surface Attack

Army Part Number: 13330410

2. The Army TACMS 2000 Guided Missile Assembly, Surface Attack uses an inertial-guided concept with Global Positioning System (GPS) inputs to deliver 13 BAT submunitions to the submunition dispense point. It is sealed inside a 13330972 Enclosure Assembly Launch Pod prior to launching.

3. Request you approve and return the assignment MDS to this office not later than 16 Mar 01.

AMSAM-RD-SE-TD

SUBJECT: Request for Mission Design Series (MDS) Assignment
Request Number AMSAM-2001-0003

4. The point of contact is Ms. Connie Mayhall,
AMSAM-RD-SE-TD-ST, DSN 746-6981 or 256-876-6981.

FOR THE COMMANDER:



LARRY M. MYRES
Chief, Technical Data
Management Division

